



COLLABORATIVE DECISION MAKING



Visit CDM on the web at: <http://cdm.fly.faa.gov/>

CDM NEWSLETTER

SEPTEMBER 2009

Fall 2009 CDM Meeting

The Fall 2009 Collaborative Decision Making (CDM) Meeting was a huge success! US Airways hosted nearly 280 participants making this CDM Semi-annual meeting one of the largest ever!

On September 23, meeting participants split into smaller groups for CDM Breakout Sessions. During these Breakout Sessions, attendees received briefings on the work of the CDM Sub-teams and participated in robust discussions on these activities. As usual, the Breakout Sessions were received very well by participants and allowed the CDM Sub-teams to engage the CDM community on a more individual basis.

On the morning of September 24, participants received a number of CDM Briefings including CDM and Industry Updates, an update from the System Operations Programs Office, a briefing on the 2010 Vancouver Olympics planning, and an international update from EUROCONTROL as well as System Operations International Operations.

During the afternoon of September 24, attendees were again broken into smaller groups to participate in CDM Workshops. Each workshop provided information on various pertinent topics and afforded the CDM community the opportunity to discuss these issues. Workshop themes included Time Based Flow Management (TBFM), New and Upcoming Traffic Flow Management (TFM) Tools, CDM Collaborative Training, NextGen, and a Review of New Tools from the 2009 Convective Weather Season.

Significant feedback was recorded during the meeting and surveys were also collected. This information will be reviewed in depth to ensure CDM continues to focus on the needs that are most important to National Airspace System (NAS) Stakeholders.

As the result of a terminology change, an impromptu fundraiser was held during the meeting. Any participants who used the term "customer" in reference to operators was asked to donate a dollar to a charity to be selected by US Airways at the end of the week. As a result, nearly \$200 was donated to the USO!



Fall 2009 CDM Meeting participants engaged the Future Concepts Sub-team (FCT) in vigorous discussions concerning System Enhancements for Versatile Electronic Negotiation (SEVEN) during the September 23 Breakout Sessions.



The Fall 2009 CDM Meeting brought together leaders from both operators and the FAA.

The CDM Road Show!

A number of CDM Road Shows have been scheduled over the coming months. These Road Shows will expose new audiences to CDM and traffic flow management (TFM) ideas. The first CDM Road Show has been invited to present on October 6 during the Ohio Aviation Forum at the NASA Glenn Research Center in Cleveland, OH. The CDM Road Show will then visit United Airlines in Chicago, IL on October 14 and American Airlines in Dallas, TX on November 4. Future CDM Road Show dates and locations will be determined in the near future.

CDM Strategy Sessions (CDMSS)

The third CDMSS will be held on January 5–7, 2010. Participants will be asked to investigate how the Collaborative Planning concept could have been applied to the 2009 convective weather season in preparation for target implementation of Collaborative Planning in 2010. Due to the Flow Evaluation Sub-team's (FET) role leading the development of Collaborative Planning, the FET Leadership will moderate the CDMSS. A fourth CDMSS will be held in the February–March 2010 timeframe.

Fall 2009 CDM Leadership Summit

The CDM Leadership met in Herndon, VA on September 10–11, 2009 for the Fall 2009 CDM Leadership Summit. Topics of discussion included the Fall 2009 CDM Meeting, the CDM Road Shows, the upcoming CDMSS, and the overall goals of CDM in 2010 and beyond.

(Continued on page 2)



COLLABORATIVE DECISION MAKING



Visit CDM on the web at: <http://cdm.fly.faa.gov/>

CDM NEWSLETTER

SEPTEMBER 2009



Representatives from various international organizations, including EUROCONTROL and NAVCANADA, brought their experience and input to the Fall 2009 CDM Meeting.

CDM Sub-team Updates:

- ◆ **Flow Evaluation Sub-team** — The FET has continued work on the Route Segmented Coded Departure Route (RS-CDR) concept. The FET has also approved a set of Area Navigation (RNAV) wind routes which will be implemented shortly. The FET has also continued development of the Collaborative Planning concept which is targeted for implementation in 2010.
- ◆ **Future Concepts Sub-team (FCT)** — The FCT is continuing work in development of the System Enhancements for Versatile Electronic Negotiation (SEVEN) tool. In particular the FCT is identifying potential test and implementation scenarios for the SEVEN prototype and will be discussing these and some critical issues surrounding the concept during their October meeting.
- ◆ **Ground Delay Program Enhancement Sub-team (GDPE)** — The GDPE has continued efforts to identify and encourage appropriate practices among operators during Ground Delay Programs (GDP). The GDPE is also considering methods for improving operator submitted data quality.
- ◆ **Surface CDM System Sub-team (SCT)** — The SCT met on August 19–20 at Charlotte Douglas International Airport (CLT) and September 16–17 at Detroit Metropolitan Wayne County Airport (DTW) to engage airport stakeholders on Surface CDM and continue development of the Surface CDM concept of operations (CONOPS). The first draft of the Surface CDM CONOPS is targeted for completion by November 1.
- ◆ **Weather Evaluation Sub-team (WET)** — During the Fall 2009 CDM Meeting Breakout Sessions, the WET presented preliminary results of the Localized Area Model Output Statistics Program (LAMP) / Collaborative Convective Forecast Product (CCFP) Hybrid (LCH) and collected feedback from participants. Initial analysis of this and previously collected feedback was positive and a full report is

targeted for completion by the first week of November. The WET held a joint meeting with the FET and GDPE to address tasking concerning approach area compression wind forecasting. A sub-group of individuals from the three Sub-teams was formed to take up this effort. Finally, select members of the WET will be participating in the Collaborative Storm Prediction for Aviation (CoSPA) Human-in-The-Loop (HiTL) test during the week of October 19th.



Many of the Surface CDM System Sub-team (SCT) participated in the team-building "CDM Jersey Day" during the CDM Sub-team Meetings on September 22.

Coming Soon to CDM:

- ◆ CDM Road Show at the Ohio Aviation Forum
Location: NASA Glenn, Cleveland, OH
October 6, 2009
- ◆ FET Meeting
Location: United Airlines, Chicago, IL
October 13–16, 2009
- ◆ CDM Road Show
Location: United Airlines, Chicago, IL
October 14, 2009
- ◆ FCT Meeting
Location: Volpe Center, Cambridge, MA
October 14–16, 2009
- ◆ SCT Meeting
Location: Charlotte Douglas International Airport, Charlotte, NC
October 20–21, 2009
- ◆ FET Meeting
Location: Dallas, TX
November 3–6, 2009
- ◆ CDM Road Show
Location: American Airlines, Dallas, TX
November 4, 2009

CONTACT INFO

Mark Libby
FAA CDM Lead
(703)925-3149
mark.libby@faa.gov

Lorne Cass
Industry CDM Lead
(404)715-1945
lorne.cass@delta.com